

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

A PARTY may have more than one License (AUTHORIZATION). Must be able to identify all the AUTHORIZATIONS (past and current) for a PARTY.

Relationship: PARTY to AUTHORIZATION

BUSINESS RULE DESCRIPTION

An AUTHORIZATION may involve more than one DISCIPLINARY ACTION. Must be able to track all the DISCIPLINARY ACTIONS against an AUTHORIZATION.

Relationship: AUTHORIZATION to DISCIPLINARY ACTION

BUSINESS RULE DESCRIPTION

Must be able to identify all the different types of AUTHORIZATIONS, i.e., REGISTRATION, CREDENTIAL, ACCREDITATION, LICENSE, TEMPORARY LICENSE, PERMIT, CERTIFICATION, CERTIFICATE OF NEED, MEDICARE CERTIFICATION, EMS CERTIFICATION and AUTHORIZATION.

Relationship: AUTHORIZATION to LICENSE

BUSINESS RULE DESCRIPTION

Must be able to record and track all VARIANCES to a License (AUTHORIZATION). These include SPECIALITIES, ENDORSEMENTS, SANCTIONS, AUTHORIZATIONS, PRIVILEGE/LIMITS, and VARIANCES associated with an AUTHORIZATION.

Relationship: AUTHORIZATION to AUTHORIZATION VARIANCE

BUSINESS RULE DESCRIPTION

Must be able to identify the status of a License (AUTHORIZATION). The STATUS can change over time.

Relationship: AUTHORIZATION STATUS TYPE to AUTHORIZATION STATUS

BUSINESS RULE DESCRIPTION

Must have the capability of determining if a required SUPERVISING CREDENTIAL is valid. This will occur when the supervising AUTHORIZATION provides professional oversight (supervision) to the other AUTHORIZATION.

Relationship: AUTHORIZATION to SUPERVISING CREDENTIAL

BUSINESS RULE DESCRIPTION

Must have the ability to record and track renewals. This includes scheduled and actual dates.

Relationship: AUTHORIZATION to AUTHORIZATION RENEWAL

BUSINESS RULE DESCRIPTION

Must be able to identify all the PARTIES and the role that they play in association with an AUTHORIZATION.

Relationship: PARTY to AUTHORIZATION

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must be able to identify all AUTHORIZATIONS related to other AUTHORIZATIONS.

Relationship: AUTHORIZATION to RELATED AUTHORIZATION

BUSINESS RULE DESCRIPTION

For those licenses (AUTHORIZATIONS) requiring a SURETY BOND, must be able to record the amount and effective dates.

Relationship: AUTHORIZATION to SURETY BOND

BUSINESS RULE DESCRIPTION

Must be able to identify all the APPLICATIONS that result in AUTHORIZATIONS.

Relationship: APPLICATION to AUTHORIZATION

BUSINESS RULE DESCRIPTION

Must be able to identify all the services to be Licensed (AUTHORIZED), via an APPLICATION.

Relationship: HEALTH CARE SERVICE to APPLICATION

BUSINESS RULE DESCRIPTION

Must be able to identify all the BUSINESS associated with an APPLICATION.

Relationship: BUSINESS to APPLICATION

BUSINESS RULE DESCRIPTION

Must be able to record and track the CRIMINAL HISTORY of an APPLICANT as well as a Licensed Provider.

Relationship: PERSON to PERSON CRIMINAL HISTORY

BUSINESS RULE DESCRIPTION

Must be able to determine if a current APPLICANT has been denied a license (AUTHORIZATION) in the past.

Relationship: APPLICATION to APPLICATION STATUS

BUSINESS RULE DESCRIPTION

Must be able to identify all the people and businesses that have an interest in a CASE.

Relationship: CASE to INTERESTED PARTY

BUSINESS RULE DESCRIPTION

Must be able to record all the COMMENTS about a CASE.

Relationship: CASE to CASE COMMENT

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must be able to identify all the statuses of a CASE. Over time the STATUS of a CASE may change.

Relationship: CASE to CASE STATUS

BUSINESS RULE DESCRIPTION

Must be able to identify the priority of a COMPLAINT.

Examples are: 1 = Urgent, and 7 = Unlicensed Facility.

Relationship: COMPLAINT to COMPLAINT PRIORITY

BUSINESS RULE DESCRIPTION

Must be able to identify all CASES associated with another CASE.

This includes companion CASES and any other CASES that are linked together.

Relationship: CASE to CASE

BUSINESS RULE DESCRIPTION

Must be able to identify if and when a COMPLAINT becomes a CASE.

Relationship: COMPLAINT to CASE

BUSINESS RULE DESCRIPTION

Must be able to identify all the PARTIES involved in a COMPLAINT and the role they play.

Relationship: PARTY to COMPLAINT ROLE

BUSINESS RULE DESCRIPTION

Must be able to identify all the HEARINGS for a specific CASE.

Relationship: CASE to HEARING

BUSINESS RULE DESCRIPTION

Must be able to identify all the statuses of a COMPLAINT. Over time the STATUS of a COMPLAINT may change.

Relationship: COMPLAINT to COMPLAINT STATUS

BUSINESS RULE DESCRIPTION

Must be able to identify all COMPLAINTS related to other COMPLAINTS.

Relationship: COMPLAINT to RELATED COMPLAINT

BUSINESS RULE DESCRIPTION

Must have the ability to schedule and document all of the HEARINGS scheduled for a specific time period.

Relationship: DOCKET to HEARING

BUSINESS RULE DESCRIPTION

Must be able to identify the status of a HEARING. The STATUS can change over time.

Relationship: HEARING to HEARING STATUS

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must be able to track the PARTIES involved in an INSPECTION / SURVEY, and the role they play.

Examples are: inspector, respondent, & reviewer.

Relationship: INSPECTION SURVEY ROLE TYPE to INSPECTION ASSIGNMENT

BUSINESS RULE DESCRIPTION

Must be able to identify the inspector that is assigned to an INSPECTION / SURVEY and track the time involved.

Relationship: INSPECTION / SURVEY to INSPECTION ASSIGNMENT

BUSINESS RULE DESCRIPTION

Must be able to identify all the different types of inspections that take place, i.e., Initial Survey, Construction Inspection, Renewal Survey, and Reviews.

Relationship: INSPECTION SURVEY TYPE to INSPECTION / SURVEY

BUSINESS RULE DESCRIPTION

Must be able to link a STATEMENT OF DEFICIENCY to the INSPECTION / SURVEY, and the INSPECTOR that identified the deficiency.

Relationship: INSPECTION / SURVEY to STATEMENT OF DEFICIENCY

BUSINESS RULE DESCRIPTION

Must be able identify all DEFICIENCY ITEMS that result from a SURVEY.

Relationship: SURVEY to DEFICIENCY ITEM

BUSINESS RULE DESCRIPTION

Must have the ability to store multiple names for a PERSON.

This could include alias, maiden, preferred, and nick name.

Relationship: PERSON to PERSON NAME

BUSINESS RULE DESCRIPTION

Must have the ability to track an individual's time against tasks and activities.

Relationship: PERSON to PERSON TIME TRACKING

BUSINESS RULE DESCRIPTION

Must be able to update as well as identify the cost (FEE) associated with different types of APPLICATIONS. The fee amount can change over time.

Relationship: APPLICATION TYPE to APPLICATION FEE

BUSINESS RULE DESCRIPTION

Must be able to track the method of payment and the PARTY who made a payment for an APPLICATION or other OBLIGATION.

Relationship: PAYMENT METHOD to PAYMENT

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must be able to track the status of a payment including: due dates, date paid, and payment overdue.

Relationship: PAYMENT to PAYMENT STATUS

BUSINESS RULE DESCRIPTION

Must have the ability to identify the costs (FEES) associated with specific HEALTH CARE SERVICES.

Relationship: FEE TYPE to SERVICE FEE TYPE

BUSINESS RULE DESCRIPTION

Must be able to link a PAYMENT to a FINANCIAL OBLIGATION and the responsible PARTY.

Relationship: FINANCIAL OBLIGATION to PAYMENT

BUSINESS RULE DESCRIPTION

Must be able to identify all of the PROFESSIONS that are required to have a SURETY BOND and the monetary value of the bond.

Relationship: SURETY BOND TYPE to PROFESSION TYPE

BUSINESS RULE DESCRIPTION

Must have the ability to identify the costs (FEES) associated with specific HEALTH CARE SERVICES.

Relationship: FEE TYPE to SERVICE FEE TYPE

BUSINESS RULE DESCRIPTION

Must have the ability to identify and document GRANT, including monetary amounts and the role a PARTY plays in a GRANT.

Relationship: GRANT to GRANT PARTICIPATION

BUSINESS RULE DESCRIPTION

Must have the ability to record and track FINANCIAL OBLIGATIONS that are the result of a DISCIPLINARY ACTION.

Relationship: DISCIPLINARY ACTION to FINANCIAL OBLIGATION

BUSINESS RULE DESCRIPTION

Must have the ability to store information about the capacity of specific FACILITYS. Examples are: 169 beds, and 23 rooms.

Relationship: FACILITY to FACILITY CAPACITY

BUSINESS RULE DESCRIPTION

Must have the ability to store information about the level designation of a FACILITY. Examples are: Harbor view Medical Center - Level 1, Capital Medical Center - Level 2.

Relationship: FACILITY to FACILITY LEVEL DESIGNATION

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must have the ability to identify the HEALTH SERVICE AREA in which a FACILITY is located.

Relationship: HEALTH SERVICE AREA to FACILITY

BUSINESS RULE DESCRIPTION

Must have the ability to track CONSTRUCTION PROJECTS at a FACILITY.

Relationship: FACILITY to CONSTRUCTION PROJECT

BUSINESS RULE DESCRIPTION

Must be able to identify all the different types of FACILITIES. Examples are: School, Nursing Home, EMS Agency and Rural Health Clinic.

Relationship: FACILITY TYPE to FACILITY

BUSINESS RULE DESCRIPTION

Must have the capability to record multiple ADDRESSES for a FACILITY, and have the ability to identify different types of ADDRESSES.

Relationship: ADDRESS to FACILITY

BUSINESS RULE DESCRIPTION

Must be able to identify all of the FACILITIES that are designated as TRAUMA FACILITIES.

Relationship: FACILITY to FACILITY TYPE

BUSINESS RULE DESCRIPTION

Must have the capability of storing an image (picture) of a FACILITY.

Relationship: FACILITY to FACILITY IMAGE

BUSINESS RULE DESCRIPTION

Must be able to IDENTIFY all the HEALTH CARE SERVICES available at a BUSINESS FACILITY.

Relationship: HEALTH CARE SERVICE to BUSINESS FACILITY SERVICE

BUSINESS RULE DESCRIPTION

Must be able to document all of the TRAUMA EVENTS associated with a specific FACILITY.

Relationship: FACILITY to TRAUMA EVENT

BUSINESS RULE DESCRIPTION

Must be able to identify the status of a BUSINESS FACILITY. The STATUS can change over time.

Relationship: BUSINESS FACILITY to BUSINESS FACILITY STATUS

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must be able to identify all of the FACILITIES that are designated as eligible for Rural Primary Care.

Relationship: FACILITY TYPE to RURAL FACILITY ELIGIBILITY

BUSINESS RULE DESCRIPTION

A DISCIPLINARY ACTION is based on a REGULATION. Must be able to link the DISCIPLINARY ACTION to a specific REGULATION.

Relationship: REGULATION to DISCIPLINARY ACTION

BUSINESS RULE DESCRIPTION

Must be able to link a DEFICIENCY ITEM to the specific REGULATION on which the DEFICIENCY ITEM is based.

Relationship: REGULATION to DEFICIENCY ITEM

BUSINESS RULE DESCRIPTION

Must be able to identify all occurrences of TECHNICAL ASSISTANCE, who provided the assistance, and the other PARTIES involved.

Relationship: TECHNICAL ASSISTANCE ROLE TYPE to TECHNICAL ASSISTANCE PARTY

BUSINESS RULE DESCRIPTION

Must be able to identify all the PARTIES and the role that they play in TECHNICAL ASSISTANCE EVENT.

Relationship: PARTY to TECHNICAL ASSISTANCE PARTY

BUSINESS RULE DESCRIPTION

Must be able to identify all the ELIGIBILITY REQUIREMENTS for a PROFESSION. Examples are High School Diploma, Nursing Assistant Training, and School of Dentistry Graduate.

Relationship: PROFESSION TYPE to PROFESSION ELIGIBILITY REQUIREMENT

BUSINESS RULE DESCRIPTION

Must have the ability to identify the PARTIES involved in a CONTRACT and the role that they play.

Relationship: CONTRACT to CONTRACT PARTICIPANT

BUSINESS RULE DESCRIPTION

Must be able to identify all the PARTIES involved and the role they play in a PUBLIC DISCLOSURE EVENT.

Relationship: PUBLIC DISCLOSURE EVENT to PUBLIC DISCLOSURE PARTY

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must have the capability of maintaining multiple ADDRESSES for a PARTY. Also must allow the ability to identify and store types of ADDRESS, such as PO box, Home or Delivery.

Relationship: PARTY to PARTY ADDRESS

BUSINESS RULE DESCRIPTION

Must be able to record and track that an ADDRESS is located in a specific GEOGRAPHICAL AREA.

Relationship: GEOGRAPHICAL AREA to ADDRESS

BUSINESS RULE DESCRIPTION

Must be able to identify the role that a PERSON plays in a TRAINING CLASS.

Examples include: student, instructor, and coordinator.

Relationship: TRAINING CLASS to PERSON TRAINING CLASS

BUSINESS RULE DESCRIPTION

Must be able to identify all PROFESSION TYPES that require an EXAMINATION and identify the type of EXAMINATION.

Relationship: PROFESSION TYPE to EXAMINATION TYPE

BUSINESS RULE DESCRIPTION

Must be able to identify staff assignments to specific PROGRAMS.

Relationship: PROGRAM to PROGRAM STAFF ASSIGNMENT

BUSINESS RULE DESCRIPTION

Must be able to identify the status of a PERSON. The STATUS can change over time.

Relationship: PERSON to PERSON STATUS

BUSINESS RULE DESCRIPTION

Must have the capability of storing an image (picture) of PERSON.

Relationship: PERSON to PERSON IMAGE

BUSINESS RULE DESCRIPTION

Must have the ability to determine an EMPLOYEE'S assignment to a DOH Organization during a specific time period.

Relationship: DOH ORGANIZATION to EMPLOYEE

BUSINESS RULE DESCRIPTION

Must be able to identify and document all LEGISLATION that is of interest to HSQA, and be able to identify who is playing what role in the events associated with the LEGISLATION.

Relationship: LEGISLATION to LEGISLATION ROLE

DATA MODEL BUSINESS RULES

For Major Entities

BUSINESS RULE DESCRIPTION

Must be able identify all business associations, including Joint Business Ventures.

Relationship: BUSINESS to BUSINESS

BUSINESS RULE DESCRIPTION

Must have the ability to identify and document policies and procedures for the HSQA Organization.

Relationship: DOH ORGANIZATION to DOH POLICY/PROCEDURE

BUSINESS RULE DESCRIPTION

Must have the capability of storing an image (picture) of an EQUIPMENT ITEM.

Relationship: EQUIPMENT ITEM to EQUIPMENT ITEM IMAGE

BUSINESS RULE DESCRIPTION

A HEARING may result in multiple DISCIPLINARY ACTIONS. Must be able to track all the DISCIPLINARY ACTIONS against a RESPONDENT.

Relationship: HEARING to DISCIPLINARY ACTION

BUSINESS RULE DESCRIPTION

Must be able to identify any DISCIPLINARY ACTIONS that result from a VIOLATION.

Relationship: VIOLATION to DISCIPLINARY ACTION

BUSINESS RULE DESCRIPTION

Must be able to link VIOLATIONS to the REGULATION on which they are based.

Relationship: REGULATION to VIOLATION